

Amendments

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS:

1-10 (canceled).

11(currently amended). A therapeutic probe adapted for insertion between a target tissue and an adjacent tissue, the probe comprising:

- a) a proximal end portion,
- b) a distal end portion,
- c) a longitudinal portion located between the proximal and distal end portions, the longitudinal portion having an axial cross-section defining an outer surface, and
- d) an ~~energy delivering device~~ ultrasound transducer provided in the longitudinal portion and adapted to deliver a therapeutic ultrasound ~~energy~~ through the outer surface to the target tissue,

wherein the outer surface of the longitudinal portion comprises a threadform.

12(original). The probe of claim 11, wherein the threadform comprises an expandable device.

13(original). The probe of claim 12 wherein the expandable device is adapted to conform to a contour of the adjacent tissue.

14(original). The probe of claim 12, wherein the expandable device comprises a balloon.

15(original). The probe of claim 11, wherein the threadform comprises a malleable portion adapted to conform to a contour of the adjacent tissue.

16(original). The probe of claim 15 wherein the malleable portion comprises a foam portion.

17(original). The probe of claim 11 wherein the target tissue is intervertebral disc tissue, and the proximal end portion comprises a first expandable portion adapted to conform to a proximal end of the disc tissue.

18(original). The probe of claim 11 wherein the target tissue is intervertebral disc tissue, and the distal end portion comprises a second expandable portion adapted to conform to a distal end of the disc tissue.

19. (canceled).

20 (canceled).

21-70.(canceled)

71(original). A therapeutic probe adapted for insertion between a target tissue and an adjacent tissue, the probe comprising:

- a) a proximal end portion,
- b) a distal end portion,
- c) a longitudinal portion located between the proximal and distal end portions, the longitudinal portion having an axial cross-section defining top and bottom surfaces, a front side surface and a back side surface,
- d) ultrasound -delivering means provided in the longitudinal portion and adapted to deliver ultrasound through the front side surface to the target tissue,

wherein the ultrasound-delivering means comprises a plurality of ultrasound transducers.

72-74 (canceled).

75 (original). The probe of claim 71, wherein the front side surface comprises a helical shape.

76-80 (canceled).